

DD/P

4 March 1981

MEMORANDUM FOR: Deputy Director for Processing, ODP
THROUGH: Chief, Engineering Division, P/ODP¹
Chief, Configuration and Environmental Management Branch, ED/P/ODP²

STATINTL FROM: Configuration and Environmental Management Branch, ED/P/ODP

SUBJECT: MP Installation Plan

1. On Thursday, 26 February, a meeting was held involving Processing and IBM personnel to discuss the installation plan and schedule for the FY-81 VM processor.

2. The hardware was scheduled and did arrive at the Agency on Friday, 27 February. It was understood by all in attendance that the contract had not been signed by IBM and the Agency and all work done prior to the signing was at IBM's risk. ODP will not use the hardware until the contract is signed. To eliminate any potential misunderstandings, or myself will coordinate all discussions concerning the installation with both ODP, O/L Procurement, and IBM personnel.

3. The 1D16 area and the console location area in GC03 were ready for installation on Sunday, 1 March. This includes all physical and environmental requirements such as water, 60 and 400Hz power, floor cuts and space. Air conditioning for the expansion area is not complete, but there is a sufficient amount for the system.

4. All cables required for the initial installation and test phase were laid on Friday, 27 February.

5. IBM began the actual installation on Saturday, 28 February.

6. Below is the detailed schedule for the system:

28 February - 6 March (INSTALLATION PHASE)

IBM installation and vendor hardware check will be completed and the system turned over to the Agency on Friday, 6 March. This, of course, is contingent on the signing of the contract.

SUBJECT: MP Installation Plan

6 March - 20 March (STANDALONE PHASE)

IBM and SPD will be given a standalone test environment. The system will access devices which currently have freeded interfaces. These include all VM 3350 controllers, one 2835 drum, DAF 3330 access, and an interface to the EX and CX tape drives (1600 and 6250 BPI). During this two week period, the initial test of the VM/SP software will be conducted on the MP system. Also, time will be accorded Operations and IBM to conduct the formal MP training course plus provide Operations with hands-on experience. There will be Comten access to allow SPD and ED an initial attempt to switch terminals using TILS commands. The criteria for completing this phase is the satisfaction that the VM/SP software is operational on the MP system, all hardware is working to specification, and all VM operators have completed the formal training and had time at the operation console.

20 March - 3 April (PHASE I TEST)

On Friday, 20 March, the 3033 VM configuration will be uncabled and cabled to the MP systems. Starting Saturday, 21 March, the VM system for users will be on the MP system. The V8 will be idled and in a "Hot Standby Status" to be used for any failure of the MP system. This means any outage to the MP which requires IBM to take the system or the Agency moving off the system will result in production VM system going up immediately on the V8. IBM will take the MP system and will have the machine until the problem is diagnosed, and resolved. The MP system will not run a prime shift user load until the following day. It should be noted that during this phase, there will be two versions of VM software, the MP system and the Amdahl production system. The criteria for ending this phase is the running of the MP system for an entire week without interruption.

3 April - 17 April (PHASE II TEST)

At the start of this phase, the backup configuration for the MP system will become the 3033 UP. The Amdahl V8 will be used as the production MVS batch system. This will require a swap of VM and MVS devices between the IBM 3033 UP and Amdahl V8. At the end of this phase, there will no longer be a requirement to support the Amdahl VM Software system.

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17 April - 1 May (PHASE III TEST) *Phase III*

During this phase, the MP system will be given access to all VM devices. There will not be a total symmetrical configuration because the access to the drum is not on both sides of the system. In this phase, there will be cabling from the 1581 host CTC to the guest side on the MP. This will allow for the link to the 158 TADS system to the MP to be online at all times. This should be a mechanism for testing networking in both directions.

1 May - 15 May (PHASE IV TEST)

back up

At this point, the drums (2835s) will be relocated from GC03 to 1D16 and cabled to both sides of the MP. This will complete the symmetrical configuration.

15 May - 5 June (PHASE V TEST)

This will be the last phase before going into acceptance test. During this period, IBM and ED will reconfigure the system in non-prime shifts to develop the various configurations available during P.M. and inoperable hardware situations. This will be the final test to ensure that all procedures are documented and tested to allow for a self-contained, totally redundant system.

6 June - 6 July (ACCEPTANCE PHASE)

This will be the official 30-day acceptance test.

7. Attached is a summarized MP Implementation Plan schedule.



STATINTL

Attachment: A/S

Distribution:

Orig & 1 - Addressee

STATINTL

✓ - /CEMB

1 - C/CSS

1 - All Processing Division Chiefs

5 - Chronos

Attachment to
Memo dated 4 March 1981

3033 MP IMPLEMENTATION PLAN

28 FEB - 06 MAR	INSTALLATION PHASE	IBM INSTALL HARDWARE
06 MAR - 20 MAR	STANDALONE PHASE	IBM AND SPD D TEST VM/SP SOFTWARE
20 MAR - 03 APR	PHASE I - TEST	BEGIN USER TEST ON MP WITH V8 IMMEDIATE BACKUP AVAILABLE
03 APR - 17 APR	PHASE II - TEST	3033 UP BACKUP SYSTEM AMDAHL VM SUPPORT DROPPED
17 APR - 01 MAY	PHASE III - TEST	FINAL TADS TEST
01 MAY - 15 MAY	PHASE IV - TEST	TOTAL SYMMETRICAL SYSTEM
15 MAY - 05 JUN	PHASE V - TEST	VARIOUS PM AND BACKUP CONFIGURATIONS
06 JUN - 06 JUL	ACCEPTANCE TEST	

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[REDACTED]

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DEPUTY DIRECTOR FOR PROCESSING

3/27/81

Bruce

At our meeting yesterday, I had
wanted to mention the implementation

STATINTL

PHASES OF THE NIP

[REDACTED]

MEMO

TO MR SPEARS IT OUT & I HAVE

INCLUDED A COPY

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